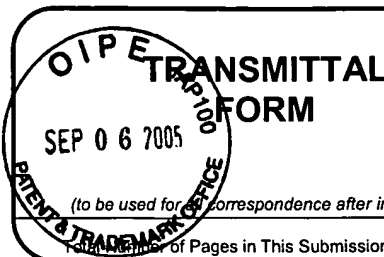
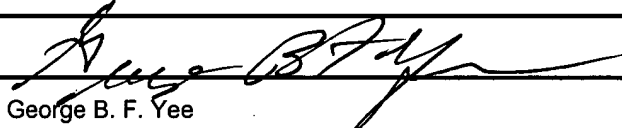


JTE

	Application Number	10/685,743
	Filing Date	October 14, 2003
	First Named Inventor	Tabuchi, Hideo
	Art Unit	2162
	Examiner Name	Hung Q. Pham
	Attorney Docket Number	16869P-015010US
(to be used for correspondence after initial filing) Number of Pages in This Submission <u>2</u>		

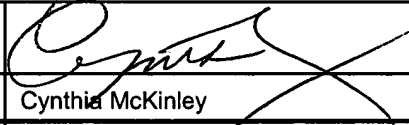
ENCLOSURES (Check all that apply)				
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request to Consider Information Disclosure Statement and copy of Previously submitted IDS (mailed June 29, 2005) Return Postcard		
<table border="1"> <tr> <td>Remarks</td> <td>The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.</td> </tr> </table>			Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.			

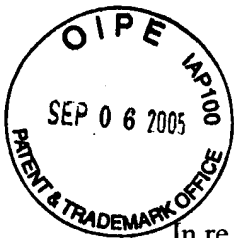
## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	George B. F. Yee		
Date	September 1, 20056	Reg. No.	37,478

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Cynthia McKinley	Date	September 1, 2005



Attorney Docket No.: 16869P-015010US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Hideo Tabuchi et al.

Application No.: 10/685,743

Filed: October 14, 2003

For: Method for Duplicating Data of  
Storage Subsystem and Data Duplicating  
System

Customer No.: 20350

Confirmation No. 6126

Examiner: Hung Q. Pham

Technology Center/Art Unit: 2162

**REQUEST TO CONSIDER  
INFORMATION  
DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

During a review of the instant application in preparation for payment of the Issue Fee, it was discovered that an IDS submitted on June 29, 2005 appears not to have been fully considered.

Accordingly, consideration of the reference cited in that IDS is respectfully requested.

Respectfully submitted,

George B. F. Yee  
Reg. No. 37,478

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: 650-326-2400  
Fax: 415-576-0300  
GBFY:cmm  
60577699 v1

# COPY

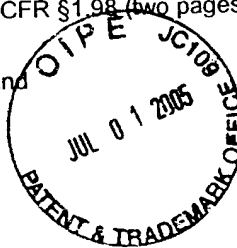
ENT'D JUL 11 2005

TO THE U.S. PATENT AND TRADEMARK OFFICE:

Please stamp your date of receipt of the following documents and return this card to addressee:

- Enclosed
- 1) PTO/SB/21 Transmittal;
  - 2) PTO/SB/17 Fee Transmittal;
  - 3) IDS under 37 CFR §1.97 and CFR §1.98 (two pages);
  - 4) PTO SB/08B (one page);
  - 5) copy of one cited reference; and
  - 6) return receipt postcard

Application No.: 10/685,743  
Atty. Docket No.: 16869P-015010US  
Date Due: N/A  
Date Mailed: 6/29/05  
Atty: GBFY



60516402 v1

OTPE JC108  
JUL 01 2005  
PATENT & TRADEMARK OFFICE

**COPY**

IFW#  
PTO/SB/21 (09-04)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/685,743
		Filing Date	October 14, 2003
		First Named Inventor	Hideo Tabuchi
		Art Unit	2162
		Examiner Name	Hung Q. Pham
Total Number of Pages in This Submission		Attorney Docket Number	16869P-015010US

OTPE  
SEP 06 2005  
PATENT & TRADEMARK OFFICE

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): USPTO forms SB08B (one page), copy of one cited reference, Return Postcard
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Rodney C. LeRoy		
Date	June 28, 2005	Reg. No.	53,205

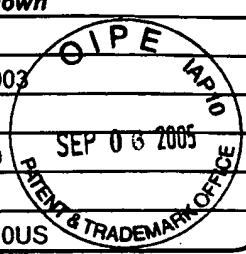
CERTIFICATE OF TRANSMISSION/MAILING		
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Signature		
Typed or printed name	Roger Hyton	Date 6/29/05

JUL 01 2005  
PATENT & TRADEMARK OFFICE

**COPY**

PTO/SB/17 (12-04)

Effective on 12/08/2004. Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		Application Number	10/685,743
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	October 14, 2003
		First Named Inventor	Hideo Tabuchi
		Examiner Name	Hung Q. Pham
		Art Unit	2162
TOTAL AMOUNT OF PAYMENT (\$ ) 180		Attorney Docket No.	16869P-015010US



**METHOD OF PAYMENT** (check all that apply)

☐ Check  
 ☐ Credit Card  
 ☐ Money Order  
 ☐ None  
 ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account  
 Deposit Account Number: 20-1430  
 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below  
 ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  
 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES <u>Small Entity</u>		SEARCH FEES <u>Small Entity</u>		EXAMINATION FEES <u>Small Entity</u>		Fees Paid (\$)
	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	<u>Small Entity</u>	
	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims    Extra Claims    Fee (\$)    Fee Paid (\$)    Multiple Dependent Claims  
 \_\_\_\_\_ - 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_    Fee (\$)    Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20

Indep. Claims    Extra Claims    Fee (\$)    Fee Paid (\$)  
 \_\_\_\_\_ - 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets    Extra Sheets    Number of each additional 50 or fraction thereof    Fee (\$)    Fee Paid (\$)  
 \_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: Submission of Information Disclosure Stmt    180

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	53,205
Name (Print/Type)	Rodney C. LeRoy	Telephone	650-326-2400
		Date	June 24, 2005

61- JCT08  
JUL 01 2005  
PENT & TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On June 29, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

Roger Hylton

**COPY**

**PATENT**  
Attorney Docket No.: 16869P-015010US  
Client Reference No.: 340000157US2



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Hideo Tabuchi et al.

Application No.: 10/685,743

Filed: October 14, 2003

For: METHOD FOR DUPLICATING  
DATA OF STORAGE SUBSYSTEM  
AND DATA DUPLICATING SYSTEM

Examiner: Hung Q. Pham

Art Unit: 2162

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The reference cited on attached form PTO/SB/08B is being called to the attention of the Examiner. A copy of the references is enclosed.

It is respectfully requested that the cited reference be expressly considered during the prosecution of this application, and the reference be made of record therein and appear among the "references cited" on any patent to issue therefrom.

17/05/2005 AKELECH1 00000002 201430 10685743

11 FC:1806 180.00 DA

**COPY**

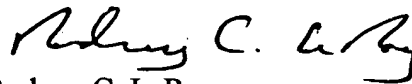
PATENT

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

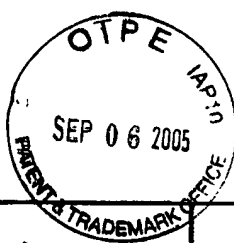
Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Rodney C. LeRoy  
Reg. No. 53,205

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: 650-326-2400  
Fax: 650-326-2422  
RCL:mh



**COPY**

PTO/SB/08B (08-03)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	10/685,743
				<b>Filing Date</b>	October 14, 2003
				<b>First Named Inventor</b>	Hideo Tabuchi
				<b>Art Unit</b>	2162
				<b>Examiner Name</b>	Hung Q. Pham
				<b>Attorney Docket Number</b>	16869P-015010US
Sheet	1	of	1		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	"Digital Equipment Announces StorageWorks: Capacity Breakthrough for DSSI Systems Customers," Digital Equipment Corporation press release (March 1994).	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.